

110TH CONGRESS  
1ST SESSION

# S. 1411

To amend the Clean Air Act to establish within the Environmental Protection Agency an office to measure and report on greenhouse gas emissions of Federal agencies.

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## IN THE SENATE OF THE UNITED STATES

MAY 16, 2007

Mr. LAUTENBERG (for himself and Ms. SNOWE) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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## A BILL

To amend the Clean Air Act to establish within the Environmental Protection Agency an office to measure and report on greenhouse gas emissions of Federal agencies.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Federal Government  
5       Greenhouse Gas Registry Act of 2007”.

6       **SEC. 2. FEDERAL GREENHOUSE GAS EMISSIONS.**

7       The Clean Air Act (42 U.S.C. 7401 et seq.) is amend-  
8       ed by adding at the end the following:

**“TITLE VII—FEDERAL  
GREENHOUSE GAS EMISSIONS**

**“SEC. 701. DEFINITIONS.**

“In this title:

“(1) AGENCY EMISSION BASELINE.—The term ‘agency emission baseline’, with respect to a Federal agency, means such quantity of the aggregate quantity of direct emissions, energy indirect emissions, and indirect emissions used to calculate the emission baseline as is attributable to the Federal agency.

“(2) DIRECT EMISSION.—The term ‘direct emission’ means an emission of a greenhouse gas directly from a source owned or controlled by the Federal Government, such as from a fleet of motor vehicles.

“(3) EMISSION ALLOWANCE.—The term ‘emission allowance’ means an authorization to emit, for any fiscal year, 1 ton of carbon dioxide (or the equivalent quantity of any other greenhouse gas, as determined by the Administrator).

“(4) EMISSION BASELINE.—The term ‘emission baseline’ means a quantity of greenhouse gas emissions equal to the aggregate quantity of direct emissions, energy indirect emissions, and indirect emis-

1 sions for fiscal year 2005, as determined by the Of-  
2 fice in accordance with section 702(b)(3).

3 “(5) ENERGY INDIRECT EMISSION.—The term  
4 ‘energy indirect emission’ means an emission of a  
5 greenhouse gas resulting from the production of  
6 electricity purchased and used by the Federal Gov-  
7 ernment.

8 “(6) GREENHOUSE GAS.—The term ‘greenhouse  
9 gas’ means any of—

10 “(A) carbon dioxide;

11 “(B) methane;

12 “(C) nitrous oxide;

13 “(D) hydrofluorocarbons;

14 “(E) perfluorocarbons; and

15 “(F) sulfur hexafluoride.

16 “(7) INDIRECT EMISSION.—

17 “(A) IN GENERAL.—The term ‘indirect  
18 emission’ means an emission of greenhouse  
19 gases resulting from the conduct of a project or  
20 activity (including outsourcing of a project or  
21 activity) by the Federal Government (or any  
22 Federal officer or employee acting in an official  
23 capacity).

1           “(B) INCLUSIONS.—The term ‘indirect  
2           emission’ includes an emission of a greenhouse  
3           gas resulting from—

4                   “(i) employee travel; or

5                   “(ii) the use of an energy-intensive  
6           material, such as paper.

7           “(C) EXCLUSION.—The term ‘indirect  
8           emission’ does not include an energy indirect  
9           emission.

10          “(8) OFFICE.—The term ‘Office’ means the  
11          Federal Emissions Inventory Office established by  
12          section 702(a).

13          “(9) PROTOCOL.—The term ‘protocol’ means  
14          the Greenhouse Gas Protocol Corporate Accounting  
15          and Reporting Standard developed by the World Re-  
16          sources Institute and World Business Council on  
17          Sustainable Development.

18      **“SEC. 702. FEDERAL EMISSIONS INVENTORY OFFICE.**

19          “(a) ESTABLISHMENT.—There is established within  
20          the Environmental Protection Agency an office to be  
21          known as the ‘Federal Emissions Inventory Office’.

22          “(b) DUTIES.—The Office shall—

23                  “(1) as soon as practicable after the date of en-  
24                  actment of this title, develop an emission inventory  
25                  or other appropriate system to measure and verify

1 direct emissions, energy indirect emissions, indirect  
2 emissions, and offsets of those emissions;

3 “(2) ensure that the process of data collection  
4 for the inventory or system is reliable, transparent,  
5 and accessible;

6 “(3)(A)(i) not later than 1 year after the date  
7 of enactment of this title, establish an emission base-  
8 line for the Federal Government; or

9 “(ii) not later than 180 days after the date of  
10 enactment of this title, if the Office determines that  
11 Federal agencies have not collected enough informa-  
12 tion, or sufficient data are otherwise unavailable, to  
13 establish an emission baseline, submit to Congress  
14 and the Administrator a report describing the type  
15 and quantity of data that are unavailable; and

16 “(B) after establishment of an emission base-  
17 line under subparagraph (A), periodically review  
18 and, if new information relating to the base year be-  
19 comes available, revise the emission baseline, as ap-  
20 propriate;

21 “(4) upon development of the inventory or sys-  
22 tem under paragraph (1), use the inventory or sys-  
23 tem to begin accounting for direct emissions, energy  
24 indirect emissions, and indirect emissions in accord-  
25 ance with the protocol;

1           “(5) ensure that the inventory or other appro-  
2           priate system developed under paragraph (1) is peri-  
3           odically audited to ensure that data reported in ac-  
4           cordance with the inventory or system are relevant,  
5           complete, and transparent;

6           “(6) not later than 1 year after the date of en-  
7           actment of this title—

8                   “(A) develop such additional procedures as  
9                   are necessary to account for emissions described  
10                  in paragraph (3), particularly indirect emis-  
11                  sions; and

12                  “(B) submit to Congress and the Adminis-  
13                  trator a report that describes any additional  
14                  data necessary to calculate indirect emissions;

15           “(7) coordinate with climate change and green-  
16           house gas registries being developed by States and  
17           Indian tribes; and

18           “(8) not later than October 1 of the year after  
19           the date of enactment of this title, and annually  
20           thereafter, submit to Congress and the Adminis-  
21           trator a report that, for the preceding fiscal year, for  
22           the Federal Government and each Federal agency—

23                   “(A) describes the aggregate quantity of  
24                   emissions (including direct emissions, energy in-  
25                   direct emissions, and indirect emissions); and

1                   “(B) specifies separately the quantities of  
2                   direct emissions, energy indirect emissions, and  
3                   indirect emissions comprising that aggregate  
4                   quantity.

5   **“SEC. 703. AUTHORIZATION OF APPROPRIATIONS.**

6                   “‘There are authorized to be appropriated such sums  
7   as are necessary to carry out this title.’”.

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